

# Ryo Mizuta

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Enhanced Sealing by Hydrophobic Modification of Alaska Pollock-Derived Gelatin-Based Surgical Sealants for the Treatment of Pulmonary Air Leaks. <i>Macromolecular Bioscience</i> , 2017, 17, 1600349.	2.1	41
2	Enhanced angiogenesis of growth factor-free porous biodegradable adhesive made with hexanoyl group-modified gelatin. <i>Biomaterials</i> , 2015, 63, 14-23.	5.7	32
3	Effect of alkyl chain length on the interfacial strength of surgical sealants composed of hydrophobically-modified Alaska-pollock-derived gelatins and poly(ethylene)glycol-based four-armed crosslinker. <i>Colloids and Surfaces B: Biointerfaces</i> , 2016, 146, 212-220.	2.5	27
4	Robust Sealing of Blood Vessels with Cholesteryl Group-Modified, Alaska Pollock-Derived Gelatin-Based Biodegradable Sealant Under Wet Conditions. <i>Journal of Biomedical Nanotechnology</i> , 2016, 12, 128-134.	0.5	26
5	Evaluation of an octyl group-modified Alaska pollock gelatin-based surgical sealant for prevention of postoperative adhesion. <i>Acta Biomaterialia</i> , 2021, 121, 328-338.	4.1	18
6	Hemostatic properties of in situ gels composed of hydrophobically modified biopolymers. <i>Journal of Biomaterials Applications</i> , 2018, 33, 315-323.	1.2	12
7	Design of bio-inspired adhesive surface composed of hexanoyl group-modified gelatin and silicon nanowire. <i>Colloids and Surfaces B: Biointerfaces</i> , 2019, 178, 111-119.	2.5	7